

TWO COMPARTMENT MOTOR

ABSTRACT OF THE DISCLOSURE

[0048] A motor including a first compartment, a second compartment, a frame, a first end shield, a second end shield, an armature shaft, a stator winding, an armature, a cover, and a switchboard is provided. The first and second end shields are disposed adjacent opposing ends of the frame to define the first compartment. The armature shaft extends between the first and second end shields. The stator winding is supported by the frame within the first compartment. The armature is rotatably supported by the end shields and disposed within the first compartment adjacent the stator winding. The cover includes a first end, a peripheral edge, and ventilation openings. The cover peripheral edge is mounted to the motor adjacent the second end shield. The ventilation openings include a plurality of openings positioned along at least part of the cover peripheral edge and in the cover first end. The switchboard is mounted to the second end shield to define the second compartment between the switchboard and the second end shield. The switchboard includes a mounting means for securing a plurality of electrical components.